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# Public works (1953) Department

MS. SERIES.

G.O. NO. 1695

Dated 17-4-1953

FOR MYSORE STATE

[Despatch Abstract.]

Qualifications - Recognition of Pass in Sections A + B of A.M.I.E (Ind) Examination for appointment to Posts in Mysore Electrical Service and Mysore Electrical Subordinate Service - Orders in Con. No. 2224 Public Works dated 8th June 1950 - Revised.

GOVERNMENT OF MADRAS.

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(Abstract.)

QUALIFICATIONS - Recognition of pass in Sections A & B of A.M.I.E. (Ind.) Examination for appointment to posts in Madras Electrical Service and Madras Electrical Subordinate Service - Orders in G.O.No.2224 Public Works dated 8th June 1950 - Revised.

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Public Works Department.

G.O.Ms.No.1695. Dated 17th April, 1953.
Read the following:-

From the Chief Engineer (Electricity) No.3098 D/49-2 dated 13th July, 1950.
From the Chief Engineer (Electricity) No.3098 D/49-5 dated 19th July, 1951.
From the Madras Public Service Commission letter No.1500-C1/53-1 dated 6th April 1953.

ORDER:--

In G.O.No.755 Public Works dated the 3rd March 1949, the Government directed that the A.M.I.E. (Ind.) to be awarded after 1st November 1949, in accordance with the revised syllabus prescribed by the Institution of Engineers (India) be deemed as equivalent to the B.E. Degree of a University in the State. In G.O.No.4651 Public Works dated the 13th December 1949, the Government directed that a pass in Sections A & B of the A.M.I.E. (Ind.) Examination obtained prior to Ist November 1949, be recognised as equivalent to the Engineering Diploma of the College of Engineering, Guindy. In G.O.No.2224 Public Works dated 8th June 1950, the Government further ordered that the A.M.I.E. (Ind.) awarded after 1st November 1949 in accordance with the revised syllabus prescribed by the Institution of Engineers (India) be deemed as equivalent to the B.E. degree of a University in the State for purposes of appointment to posts under this Government for which the B.E. Degree of a University in the State has been prescribed as a qualification.

2. The Chief Engineer, Public Works Department (General) has brought to the notice of the Government that while candidates have to put in atleast six years of study in the Arts and Engineering Colleges before they can secure the B.E. Degree, it would be possible for students to secure a pass in Sections A & B of the A.M.I.E. (Ind.) Examination without undergoing adequate practical experience and training, including laboratory training as provided in a regular collegiate institution and without going through even the Intermediate course, and thus become eligible for being treated on a par with B.E.Degree holders in a much quicker time. The Chief Engineer, Public Works Department (General) has therefore suggested that such persons should not get an undue advantage over persons who go through 6 years of study in the College before taking the B.E. Degree. The Chief Engineer (Electricity) has also pointed out that a candidate can secure a pass in Sections A & B of the A.M.I.E. (Ind.) examination without studying such important subjects like Electricity, Generation, Transmission, Distribution and Utilization, Electrical measurements, Hydro-electricity and Engineering economics and be eligible for appointment in the Electricity Department. He has also stated that unlike B.E. students such candidates do not have laboratory experience, surveying etc. He has therefore stated that candidates passing Sections A & B of the A.M.I.E. (Ind.) examination do not come upto the level of B.E. standard without qualifying experience.

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3. The question has been examined carefully in consultation with the Chief Engineers of Public Works Department, the Chief Engineer for Electricity and the Chief Engineer (Highways) and the Government now pass the following orders in supersession of the orders in G.O.No.755 Public Works dated 3rd March 1949, G.O.No.4651 Public Works dated 13th December, 1949 and G.O.No.2224 Public Works dated 8th June 1950.

The Government direct that

(a) candidates who

(i) have passed sections A & B of the A.M.I.E. Examination of the Institution of Engineers (India) with Electrical Engineering (General) and any two of the following subjects under Section B as optional or additional subjects,

(i) Electric supply and power distribution,
(ii) Electrical Machinery,
(iii) Electrical installation,
(iv) Electrical measurements,
(v) Thermodynamics and heat Engines (Steam and Internal combustion),
(vi) Hydro Electricity and
(vii) Hydraulics or Hydraulic machinery, and (ii) either furnish evidence of having undergone practical training in "Surveying" for atleast one year, or

hold the Upper Subordinate or L.C.E. Diploma of the College of Engineering, Guindy or any other qualification recognised as equivalent thereto,

shall be eligible for recruitment as Supervisors (Electrical) II Grade and as Junior Engineers (Electrical) in the Madras Electrical Subordinate Service or as Assistant Engineers (Electrical) in the Madras Electrical Service provided that

(1) for recruitment as Supervisors (Electrical) II Grade they must have had practical experience in erection, maintenance or construction work for a period of not less than one year after passing Sections A & B of the A.M.I.E. (Ind.) Examination; and

(2) for recruitment as Junior Engineers and as Assistant Engineers they must

(i) have passed the Intermediate Examination of the Madras, Andhra or Annamalai University or an examination recognised by the Government as equivalent thereto, and

(ii) have had practical experience for a period of not less than 4 years in the case of recruitment to posts of Junior Engineers and for a period of not less than 6 years in the case of recruitment to posts of Assistant Engineers after passing Sections A & B of the A.M.I.E. (Ind.) Examination; which should include at least one year's experience in erection maintenance or ~~contraction~~ Construction works; and

(b) a candidate admitted to the full Associate Membership of the Institution who has also passed the Intermediate Examination of the Madras, Andhra or Annamalai University or an examination recognised by the Government as equivalent thereto will be treated as equivalent to a B.E. Degree holder without any stipulation regarding further practical training;

(c) Candidates with a pass in Sections A & B of the

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A.M.I.E. (Ind.) Examination and the qualifications in (a) above will be appointed to the posts of Junior Engineers (Electrical) and Assistant Engineers (Electrical) only if B.Es. of the Madras, Andhra or Annamalai University are not available. (This provision will be cancelled when the number of B.E. Degree holders applying for appointment as Assistant Engineers and Junior Engineers has been in excess or nearly equal to the number of vacancies advertised over a period)

4. In view of the orders in para 3 above, the Special Rules for the Madras Electrical Service and the Madras Electrical Subordinate Service will be amended as indicated below.

5. The following notifications will be published in the Fort St.George Gazette:-

## N O T I F I C A T I O N S.

### I.

In exercise of the powers conferred by the proviso to Article 309 read with Article 313 of the Constitution of India, the Governor of Madras hereby makes the following amendments to the Special Rules for the Madras Electrical Subordinate Service (Section 4 of Part III-B of the Service Rules in Volume III of the Madras Services Manual, 1946):--

## A M E N D M E N T S.

In Annexure I to the said Special Rules--

(i) in the entries in column (2) against the entry "Category 1 - Junior Engineers (Electrical)" in column (1) after item (ii) and the entries relating thereto, the following shall be inserted, namely:-

"(iii) Subject to the following conditions, a pass in Sections A & B of the A.M.I.E. (Ind.) Examination, with Electrical Engineering (General) and any two of the following subjects under Section B as optional or additional subjects:--

(i) Electric Supply and Power distribution,
(ii) Electrical Machinery,
(iii) Electrical Installation,
(iv) Electrical measurements,
(v) Thermodynamics and heat Engines (Steam and internal combustion),
(vi) Hydro Electricity and
(vii) Hydraulics or Hydraulic machinery.

(a) should furnish evidence of having undergone practical training in "Surveying" for at least one year or

hold the Upper Subordinate or L.C.E. Diploma of the College of Engineering, Guindy, or any other qualification recognised as equivalent thereto.

(b) should have secured a pass in the Intermediate Examination of the Madras, Andhra or Annamalai University or any examination recognised by the Government as equivalent thereto, and

(c) should have had practical experience for a period of not less than 4 years after passing Sections A & B of the A.M.I.E.(Ind.) Examination, which should include practical experience for a period of not less than one year in erection, maintenance or construction works.

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(2) in the entries in column (2), against the entry "Category 1 - Junior Engineers (Electrical)" in column (1) in the proviso to item (ii), after the words "the diploma in Electrical Engineering" the following shall be inserted, namely:-

"or a pass in Sections A & B of the A.M.I.E. (Ind.) Examination";

(3) in the entries in column (2), against the entry "Category 2 - Supervisors (Electrical) II Grade", in column (1), after sub item (ii) of item 1, the following sub-item shall be inserted, namely:-

"(iii) Subject to the following conditions, a pass in Sections A & B of the A.M.I.E. (Ind.) Examination with Electrical Engineering (General) and any two of the following subjects under section B as optional or additional subjects:-

(i) Electric supply and power distribution,
(ii) Electrical Machinery,
(iii) Electrical Installation,
(iv) Electrical measurements,
(v) Thermodynamics and Heat Engines (Steam and Internal combustion),
(vi) Hydro Electricity and
(vii) Hydraulics or Hydraulic machinery.

(a) should furnish ~~evidence of having undergone~~ practical training in "surveying" for at least one year or

hold the upper subordinate or L.C.E. Diploma of the College of Engineering, Guindy or any other qualification recognised as equivalent thereto; and

(b) should have had practical experience in erection, maintenance or construction work for a period of not less than one year after passing Sections A & B of the A.M.I.E. (Ind.) Examination".

II.

In exercise of the powers conferred by the proviso to Article 309 read with Article 313 of the Constitution of India, the Governor of Madras hereby makes the following amendments to the Special Rules for the Madras Electrical Service (Section 7 of Part III-A of the Service Rules in Volume II of the Madras Services Manual, 1946):-

AMENDMENTS.

In the said Special Rules, in the table under rule 3 :--

(1) in the entries in column (3) against "Assistant Engineers (Electrical) - Direct Recruitment," for items (2) and (3), and the entries relating thereto, the following shall be substituted namely:-

"(2) Must possess -

(i) a degree in Mechanical Engineering of the University of Madras obtained before 1933; or

(ii) a degree in Electrical Engineering of the Madras, Andhra or Annamalai University, provided that in the case of the degree in Electrical Engineering of the university of Madras, it should have been obtained in or after 1933; or

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(iii) subject to the following conditions, a pass in Sections A & B of the A.M.I.E. (Ind.) Examination with Electrical Engineering (General) and any two of the following subjects under Section B as optional or additional subjects:--

1. Electric Supply and power distribution,
2. Electrical Machinery,
3. Electrical installation,
4. Electrical measurements,
5. Thermodynamics and Heat Engines (Steam and internal combustion),
6. Hydro Electricity and
7. Hydraulics or Hydraulic machinery.

(a) should furnish evidence of having undergone practical training in "surveying" for at least one year or

hold the upper subordinate or L.C.E. Diploma of the College of Engineering, Guindy, or any other qualification recognised as equivalent thereto;

(b) should have secured a pass in the Intermediate Examination of the Madras, Andhra or Annamalai University or an examination recognised by the Government as equivalent thereto; and

(c) should have had practical experience for a period of not less than six years after passing Sections A & B of the A.M.I.E (Ind.) Examination which should include practical experience for a period of not less than one year in erection, maintenance or construction works.

(3) Must have had practical experience in factory, workshops or electrical undertakings for a period of not less than three years:

provided that such practical experience shall not be necessary in respect of persons possessing the qualifications specified in item 2 (iii) above".

(2) In the entries in column (3) against "Assistant Engineers (Electrical) - Recruitment by transfer" - for item I and the entries relating thereto, the following shall be substituted namely:-

"I (1) Must possess--

(i) a degree in Mechanical Engineering of the University of Madras obtained before 1933; or

(ii) a diploma in Electrical and Mechanical

Engineering of the College of Engineering, Guindy, obtained before 1933; or

(iii) a degree in Electrical Engineering of the Madras, Andhra or Annamalai University provided that in the case of the degree in Electrical Engineering of the University of Madras, it should have been obtained in or after 1933; or

(iv) a diploma in Electrical Engineering of the College of Engineering, Guindy, obtained in or after 1933; or

(v) Subject to the following conditions, a pass in Sections A & B of the A.M.I.E (Ind.) Examination with Electrical Engineering (General) and any two of the following subjects under Section B as optional or additional subjects--

(1) Electric Supply and power distribution,
(2) Electrical Machinery,
(3) Electrical installation,
(4) Electrical Measurements,
(5) Thermodynamics and Heat Engines (Steam and internal combustion),
(6) Hydro Electricity and
(7) Hydraulics or Hydraulic machinery.

(a) should furnish evidence of having undergone practical training in "surveying" for at least one year or

hold the Upper Subordinate or L.C.E. Diploma of the College of Engineering, Guindy, or any other qualification recognised as equivalent thereto,

(b) should have secured a pass in the Intermediate Examination of the Madras, Andhra or Annamalai University or an examination recognised by the Government as equivalent thereto, and

(c) should have had practical experience for a period of not less than six years, which should include at least 4 years practical experience after passing Sections A & B of the A.M.I.E. (Ind.) Examination, and

(2) Must have had practical experience in factory, workshops, or electrical undertakings for a period of not less than ~~three~~ three years:

provided that such practical experience shall not be necessary in respect of persons possessing the qualifications specified in item (I) (v) above".

T.L.S.Mani,
Secretary to Government.

To

The Chief Engineer (Electricity) (10 copies)
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AJC/17.4.

K. Lakshmanan
Superintendent.